

What is claimed is

1. Peptides or their derivatives with increased +
charge and hydrophobicity by substituting one or
5 more amino acids of CA-MA peptide represented by
the SEQ. ID. NO: 1.
2. Peptides or their derivatives as set forth in claim
1, wherein the peptide is represented by the SEQ.
10 ID. NO: 2.
3. Anti-bacterial pharmaceutical compositions
containing the peptides or their derivatives of
claim 1 or 2.
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4. Anti-fungal pharmaceutical compositions containing
the peptides or their derivatives of claim 1 or 2.
5. Anticancer pharmaceutical compositions containing
20 the peptides or their derivatives of claim 1 or 2.
6. The pharmaceutical compositions as set forth in
claim 5, wherein the cancer is lung cancer.
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7. The pharmaceutical compositions as set forth in
claim 5, wherein the cancer is stomach cancer.

8. The pharmaceutical compositions as set forth in
claim 5, wherein the cancer is lymphoma.

mt
B'

adl
Co